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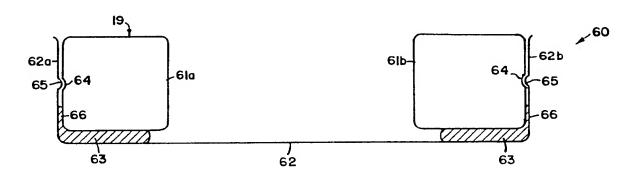
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8 September 2000 (08.09.00)

(54) Title: HIGH STRENGTH EPOXY ADHESIVE AND USES THEREOF



(57) Abstract

An epoxy composition effective for forming a thermally curable structural adhesive, and in particular, a one-part or two-part epoxy composition that when cured can obtain preferred and improved physical and chemical characteristics useful in structural assembly applications.

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INTERNATIONAL SEARCH REPORT

int ional Application No PCT/US 99/22991

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A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C08G59/06 C08G59/68 C08L63/0	0 C09J163/00					
According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIELDS	SEARCHED						
Minimum do IPC 7	cumentation searched (classification system followed by classification COSG COSL CO9J	on symbols)					
Documenta	ion searched other than minimum documentation to the extent that su	uch documents are included in the fields so	arched				
	ata base consulted during the international search (name of data bas	e and, where practical, search terms used)				
	ENTS CONSIDERED TO BE RELEVANT						
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Y Furti	ner documents are listed in the continuation of box C.	Patent family members are listed	in annex.				
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later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report							
8	May 2000	2 3. 05. 00					
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INTERNATIONAL SEARCH REPORT

Int. Idonal Application No PCT/US 99/22991

	NION) DOCUMENTS CONSIDERED TO BE RELEVANT	10.1
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International application No. PCT/US 99/22991

INTERNATIONAL SEARCH REPORT

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 22-26 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 22-26

Present claims 22-26 relate to an adhesively bonded assembly comprising frame and panel members, said panels being adhesively bonded to eachother by a mass of any structural adhesive according to Figure 6 of the application.

As the nature of said adhesive mass is not specified, these present claims relate to an extremely large number of possible assemblies, any assembly comprising a frame and panel which is adhered by an adhesive mass. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the adhesively bonded assemblies claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the thermally cured epoxy compositions, methods of assembling comprising using said thermally cured epoxy adhesive, and assembly in which the adhesive mass is the epoxy composition.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-21,27

A thermally cured epoxy composition (clams 1,2). A structure comprising said cured composition (claims 3-5), method of assembling said structure, (claims 6,7). An epoxy composition (claims 8-18), and method of making an adhesive bond comprising said composition (claims 19-20), and a method of making said composition (claim 21). An assembly comprising said epoxy composition (claim 27).

2. Claims: 22-26

An adhesively bonded assembly comprising an adhesive mass.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Honel Application No PCT/US 99/22991

	tent document in search report	:	Publication date		Patent family member(s)	Publication date
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